



Attorney Docket No. 392.1872

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

Toshiaki OTSUKI, et al.

Application No.: 10/776,248

ATTENTION

Confirmation No.: 4162

CERTIFICATE OF CORRECTION

Filed: February 12, 2004

BRANCH

U.S. Patent No.: 7,283,889

Issued: October 16, 2007

For: NUMERICAL CONTROL DEVICE, AND NUMERICAL CONTROL METHOD

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Certificate
DEC 27 2007
of Correction

Sir:

Patentees respectfully request that a Certificate of Correction be issued in the subject patent, pursuant to 35 USC § 254 and 37 CFR § 1.322, to correct the errors shown on the attached Form PTO-1050. A check in the amount of \$100 to cover the cost of the Certificate is attached.

One or more of the errors shown on the attached Form PTO-1050 is or are within the responsibility of the applicant; each thereof is of a clerical or typographical nature or of minor character and occurred in good faith, and the correction thereof is consistent with the prosecution record.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 12-17-07

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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 7,283,889

DATED : October 16, 2007

INVENTOR(S) : Toshiaki OTSUKI, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

First Page, Column 2 (Abstract), Line 8, change " α " to --a--.

First Page, Column 2 (Abstract), Line 12, change " α " to --a--.

Column 5, Line 58, change " $\cos(x)$ " to --cos(c)--.

Column 6, Line 64, change " $\alpha_{ac,H}$ " to -- $\alpha_{c,H}$ --.

Column 7, Line 35, change " gs_H " to -- $\gamma_{s,H}$ --.

Column 8, Line 18, change " α " to --a--.

Column 8, Line 29, change " α " to --a--.

Column 9, Line 45, change " α " to --a--.

Column 11, Line 18, change " Mct_r " to -- Mci_r --.

Column 11, Line 22, change " Mem_r " to -- Mcm_r --.

MAILING ADDRESS OF SENDER:
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(Also Form PTO-1050)

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Column 12, Line 5, change "ais" to --a is--.

Column 15, Line 1, change " α " to --a--.Column 15, Line 3, change " α " to --a--.Column 18, Line 48, change " $\cos(-c)0$ " to -- $\cos(-c)$ --.

Column 22, Line 15, change "rotations," to --rotation,--.

Column 23, Line 21, change "rotating a tool length vector of the tool by an amount head in correspondence with" to --rotating a tool length vector of the tool head by an amount in correspondence with--.

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